

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		((External WITH (Program\$5 OR control\$5))) SAME (((Stimulat\$5 OR Cardioversion OR Pacing) WITH (OFF OR ON)) SAME (Sensing WITH (ON OR OFF)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/08 12:38
		S37 ((External WITH (Program\$5 OR control\$5))) SAME (((Stimulat\$5 OR Cardioversion OR Pacing) WITH (OFF OR ON)) SAME (Sensing WITH (ON OR OFF)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/08 12:38
		S37 ((External WITH (Programmer OR controller)) SAME ((Pacing WITH (OFF OR ON)) SAME (Sensing WITH (ON OR OFF)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/08 12:30
		(Convert WITH Pacing WITH sensing) (programmer OR controller) telemetry analyz\$5 (sens\$5 electro\$5) (((near\$5field)) ((far NEAR field) OR far\$5field))) SAME communicat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/07 18:22
		(Convert WITH Pacing WITH sensing) (programmer OR controller) telemetry analyz\$5 (sens\$5 electro\$5) (((near NEAR field) OR near\$5field)) ((far NEAR field) OR far\$5field))) SAME communicat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/07 18:22
		(Convert WITH Pacing WITH sensing) (programmer OR controller) telemetry analyz\$5 (sens\$5 electro\$5) (((near NEAR field) OR near\$5field)) ((far NEAR field) OR far\$5field)) SAME communicat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/07 18:22
		(Convert WITH Pacing WITH sensing) (programmer OR controller) telemetry analyz\$5 (sens\$5 electro\$5) (((near NEAR field) OR near\$5field)) ((far NEAR field) OR far\$5field))SAME communicat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/07 18:22
S1	141	(implant OR implant\$5) (detect\$5 OR sens\$4) (pace OR pacing) (processor OR microprocessor OR processing) ((controller OR programmer) SAME upgrade\$5) (puls\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/06 13:12

## EAST Search History

S2	7	(implant OR implant\$5) (detect\$5 OR sens\$4) (pace OR pacing) (processor OR microprocessor OR processing) ((controller OR programmer) SAME upgrade\$5) (puls\$5) ((band\$pass OR Bandpass) WITH filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/26 17:20
S3	14	(implant OR implant\$5) (detect\$5 OR sens\$4) (pace OR pacing) (processor OR microprocessor OR processing) ((controller OR programmer) SAME upgrade\$5) (puls\$5) ((band\$pass OR Bandpass OR (band NEAR pass)) WITH filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/26 17:20
S4	1	(implant OR implant\$5) (detect\$5 OR sens\$4) (pace OR pacing) (processor OR microprocessor OR processing) ((controller OR programmer) SAME upgrade\$5) (puls\$5) ((farfield OR (far NEAR field) OR far\$field) SAME electrogram)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/27 15:07
S5	4	(implant OR implant\$5) (detect\$5 OR sens\$4) (pace OR pacing) (processor OR microprocessor OR processing) ((controller OR programmer) SAME upgrade\$5) (puls\$5) ((farfield OR (far NEAR field) OR far\$field) electrogram)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/30 12:45
S6	2	("6463326").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/29 15:11
S7	2	("6076015").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/29 15:12
S8	2	("6161042").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/29 15:13
S9	17	(implant OR implant\$5) (detect\$5 OR sens\$4) (pace OR pacing) (processor OR microprocessor OR processing) ((controller OR programmer) SAME upgrade\$5) (puls\$5) ((farfield OR (far NEAR field) OR far\$field))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/30 12:46

## EAST Search History

S10	5	(implant OR implant\$5) (detect\$5 OR sens\$4) (pace OR pacing) (processor OR microprocessor OR processing) ((controller OR programmer) SAME upgrade\$5) (puls\$5) ((farfield OR (far NEAR field) OR far\$field)) (physical WITH activity WITH sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/30 12:46
S11	31	(implant OR implant\$5) (detect\$5 OR sens\$4) (pace OR pacing) (processor OR microprocessor OR processing) ((controller OR programmer) SAME upgrade\$5) (puls\$5) accelerometer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/06 13:13
S12	93	(implant OR implant\$5) (detect\$5 OR sens\$4) (pace OR pacing) (processor OR microprocessor OR processing) ((controller OR programmer) SAME upgrade\$5) (puls\$5) (activity WITH sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/06 13:37
S13	17	(implant OR implant\$5) (detect\$5 OR sens\$4) (pace OR pacing) (processor OR microprocessor OR processing) ((controller OR programmer) SAME upgrade\$5) (puls\$5) (activity WITH sensor) (far\$field OR (far NEAR field))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/06 15:12
S14	0	(adaptor SAME (cardiomyostimulators OR (tachyarrhythmia\$control NEAR devices) OR implantable cardioverter OR defibrillators)) (electrode WITH (far\$field AND detachable)) (detach\$5 WITH electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/06 15:39
S15	0	(adaptor SAME ((cardiac OR heart) WITH stimulat\$5)) (electrode WITH (far\$field AND detachable)) (detach\$5 WITH electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/06 15:38
S16	1	((((cardiac OR heart) WITH stimulat\$5)) (electrode WITH (far\$field AND detachable)) (detach\$5 WITH electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/06 15:39
S17	1	((((cardiac OR heart) WITH stimulat\$5)) (electrode WITH (far\$field AND detachable))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/06 15:39

## EAST Search History

S18	0	((cardiomyostimulators OR (tachyarrhythmia\$control NEAR devices) OR implantable cardioverter OR defibrillators)) (electrode WITH (far\$field AND detachable)) (detach\$5 WITH electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/06 15:40
S19	0	((cardiomyostimulators OR (tachyarrhythmia\$control NEAR devices) OR implantable cardioverter OR defibrillators)) (electrode WITH (far\$field AND detach\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/06 15:43
S20	1	((cardiac WITH Stimulat\$5) OR defibrillators) (electrode WITH (far\$field AND detach\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/06 15:44
S21	3	((cardiac WITH Stimulat\$5) OR defibrillators) (electrode WITH detach\$5) (far\$field OR (far NEAR field))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/06 16:01
S22	3	((cardiac WITH Stimulat\$5) OR defibrillators) (lead WITH detach\$5) (far\$field OR (far NEAR field))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/06 16:10
S23	6	((cardiac) OR defibrillators) (lead WITH detach\$5) (far\$field OR (far NEAR field))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/06 16:10
S24	6	((cardiac) OR defibrillators OR Pacemaker) (lead WITH detach\$5) (far\$field OR (far NEAR field))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/06 16:13
S25	6	((cardiac) OR defibrillator OR Pacemaker) (lead WITH detach\$5) (far\$field OR (far NEAR field))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/06 16:18
S26	93	((cardiac) OR defibrillator OR Pacemaker) (lead WITH (detach\$5 OR remov\$5)) (far\$field OR (far NEAR field))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/06 16:24

## EAST Search History

S27	0	((cardiac) OR defibrillator OR Pacemaker) (adaptor WITH (detach\$5 OR remov\$5)) (far\$field OR (far NEAR field))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/06 16:23
S28	32	((cardiac) OR defibrillator OR Pacemaker) (lead WITH (detach\$5 OR remov\$5)) (far\$field OR (far NEAR field)) (electrode WITH (detach\$5 OR remov\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/07 09:48
S29	32	((cardiac) OR defibrillator OR Pacemaker) (lead WITH (detach\$5 OR remov\$5)) (far\$field OR (far NEAR field)) (electrode WITH (detach\$5 OR remov\$5)) Stimulat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/07 09:49
S30	324	((Pacing OR stimulat\$5) WITH mode) SAME ((sens\$5 OR sensing) WITH mode) (controller OR programmer) (far\$field OR (far NEAR field)) (pacemaker OR cardiomyostimulators OR (tachyarrhythmia\$control NEAR devices) OR implantable cardioverter OR defibrillator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/07 16:01
S31	85	((Pacing OR stimulat\$5) WITH mode) SAME ((sens\$5 OR sensing) WITH mode) (controller OR programmer) (far\$field OR (far NEAR field)) (pacemaker OR cardiomyostimulators OR (tachyarrhythmia\$control NEAR devices) OR implantable cardioverter OR defibrillator) (VVI SAME DDD)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/07 19:09
S32	70	Convert WITH Pacing WITH sensing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/07 18:15
S33	8	(Convert WITH Pacing WITH sensing) (programmer OR controller) telemetry analyz\$5 (sens\$5 electrode\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/07 18:17
S34	0	(Convert WITH Pacing WITH sensing) (programmer OR controller) telemetry analyz\$5 (sens\$5 electrode\$5) (near\$field ((far NEAR field) OR far\$field)) SAME communicat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/07 18:23



## EAST Search History

S35	0	((Pacing OR stimulat\$5) WITH mode) SAME ((sens\$5 OR sensing) WITH mode) (upgrade SAME (controller OR programmer)) (far\$field OR (far NEAR field)) (pacemaker OR cardiomyostimulators OR (tachyarrhythmia\$control NEAR devices) OR implantable cardioverter OR defibrillator) (VVI SAME DDD) upgrad\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/07 19:09
S36	2	("4662382").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/07 19:17
S37	2285	((607/9,30,31,59) or (600/510)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/08 11:58
S38	38	S37 ((External WITH (Programmer OR controller)) SAME ((change OR switch) WITH mode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/08 12:09
S39	5	S37 ((External WITH (Programmer OR controller)) SAME ((change OR switch) WITH mode)) SAME ((pace OR pacing) (sense OR sensing OR sensor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/08 12:29
S40	1	S37 ((External WITH (Programmer OR controller))) SAME ((Pacing WITH (OFF OR ON)) SAME (Sensing WITH (ON OR OFF)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/08 12:35
S41	1	S37 ((External WITH (Programmer OR controller))) SAME (((Stimulat\$5 OR Cardioversion OR Pacing) WITH (OFF OR ON)) SAME (Sensing WITH (ON OR OFF)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/08 12:37
S42	2	((External WITH (Program\$5 OR control OR controller))) SAME (((Stimulat\$5 OR Cardioversion OR Pacing) WITH (OFF OR ON)) SAME (Sensing WITH (ON OR OFF)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/08 13:56
S43	48	((External WITH (Program\$5 OR control OR controller))) (((Stimulat\$5 OR Cardioversion OR Pacing) WITH (OFF OR ON)) SAME (Sensing WITH (ON OR OFF)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/08 13:44

## EAST Search History

S44	13	telemetry SAME (((Stimulat\$5 OR Cardioversion OR Pacing) WITH (OFF OR ON)) SAME (Sensing WITH (ON OR OFF)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/08 13:45
S45	9	((External WITH (Program\$5 OR control OR controller OR device))) SAME (((Stimulat\$5 OR Cardioversion OR Pacing) WITH (OFF OR ON)) SAME (Sensing WITH (ON OR OFF)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/08 13:56
S46	1	implant SAME cardiac (reallocat\$5 WITH memory WITH spac\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/09 13:26
S47	1	implant cardiac (reallocat\$5 WITH memory WITH spac\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/09 13:22
S48	4	implant (reallocat\$5 WITH memory WITH spac\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/09 13:24
S49	4	implant\$5 (reallocat\$5 WITH memory WITH spac\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/09 13:26
S50	115	implant\$5 (allocat\$5 WITH memory WITH spac\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/09 13:26
S51	12	implant SAME cardiac (allocat\$5 WITH memory WITH spac\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/09 13:44
S52	6	implant SAME cardiac (allocat\$5 WITH memory WITH spac\$5) (stor\$5 SAME date SAME time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/06/09 14:55

## EAST Search History

S53	3970	(607/9,14,123,4,5,30,32).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/09 14:56
-----	------	--------------------------------	---	----	-----	------------------